

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURED BY:  
GE SILICONES  
260 HUDSON RIVER ROAD  
WATERFORD, NY 12188

SUPPLIED BY:  
GE SILICONES  
260 HUDSON RIVER ROAD  
WATERFORD, NY 12188

EMERGENCY PHONE (24 HRS)  
(518) 237-3330

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REVISED: 02/26/03  
PREPARER: B, JAVOREK  
CHEMICAL FAMILY/USE: SILICONE RUBBER SEALANT  
FORMULA: MIXTURE

2. COMPOSITION/INFORMATION ON INGREDIENTS

PRODUCT COMPOSITION/ CAS REG NO.	APPROX. WGT. %	ACGIH TLV TWA	OSHA PEL STEL	OSHA PEL TWA	UNITS
HAZARDOUS					
TREATED FUMED SILICA					
68611-44-9	5-10	10	NE	15	MG/M3
DISTILLATES, PETROLEUM, HYDROTREATED LIGHT					
64742-47-8	5-10	NE	NA	NE	NA
METHYLTRIACETOXYSILANE					
4253-34-3	1-5	10 (R)	NE	10 (R)	PPM
2. NON-HAZARDOUS					
POLYDIMETHYLSILOXANE SILANOL/STPD					
70131-67-8	60-80	-	NE	-	NE
POLYDIMETHYLSILOXANE					
63148-62-9	1-5	NE	NE	NE	NE

See Section 15 for description of any WEMIS Trade Secret(s).

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:  
WARNING!

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May be harmful if swallowed, inhaled, or absorbed through skin.  
Irritating to skin, eyes, and respiratory tract.  
May cause central nervous system depression.  
May generate formaldehyde at temperatures greater than 150 C  
(300 F). See Section 3 of MSDS for details.  
Vinegar odor  
Bronze solid

**POTENTIAL HEALTH EFFECTS:****INGESTION:**

May be harmful if swallowed.  
May cause central nervous system effects.  
May cause gastrointestinal irritation, nausea, vomiting, and  
diarrhea.

**SKIN CONTACT:**

Uncured product contact will irritate lips, gums and tongue.  
Uncured product contact may irritate the skin.  
May be absorbed through skin and produce effects as listed  
under "Ingestion".

**INHALATION:**

Causes mild respiratory irritation.  
Applies only in uncured state.  
May also cause other effects as listed under "Ingestion".

**EYE CONTACT:**

Uncured product contact irritates eyes.

**MEDICAL CONDITIONS AGGRAVATED:**

Pre-existing skin or respiratory diseases.

**SUBCHRONIC (TARGET ORGAN) EFFECTS:**

Central nervous system  
Skin

**CHRONIC EFFECTS/CARCINOGENICITY:**

This product or one of its ingredients present 0.1% or more  
is NOT listed as a carcinogen or suspected carcinogen by  
NTP, IARC, or OSHA.

**PRODUCTS/INGREDIENTS**

This space reserved for special use.

**PRINCIPLE ROUTES OF EXPOSURE:**

Oral.  
Dermal - skin.  
Eyes.  
Inhalation.

**OTHER:**

Acetic acid released during curing.  
This product contains methylpolysiloxanes which can generate  
formaldehyde at approximately 300 degrees Fahrenheit (150'C)  
and above, in atmospheres which contain oxygen. Formaldehyde  
is a skin and respiratory sensitizer, eye and throat irritant,  
acute toxicant, and potential cancer hazard. An MSDS for  
formaldehyde is available from GE Silicones.

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4. FIRST AID MEASURES

## INGESTION:

Do not induce vomiting. If victim is conscious, give 1-3 glasses of water to drink. Never give anything by mouth to an unconscious person. Get medical attention if irritation persists.

## SKIN:

To clean from skin, remove completely with a dry cloth or paper towel, before washing with detergent and water. Get medical attention if irritation persists.

## INHALATION:

If inhaled, remove to fresh air. If not breathing give artificial respiration using a barrier device. If breathing is difficult give oxygen. Get medical attention.

## EYES:

In case of contact, immediately flush eyes with plenty of water for at least 15 minutes and get medical attention if irritation persists.

## NOTE TO PHYSICIAN:

None known.

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5. FIRE FIGHTING MEASURES

FLASH POINT: NA (C) NA (F)

METHOD : NA

IGNITION TEMP : UNK (C) UNK (F)

FLAMMABLE LIMITS IN AIR - LOWER (%): UNK

FLAMMABLE LIMITS IN AIR - UPPER (%): UNK

SENSITIVITY TO MECHANICAL IMPACT (Y/N): NO

SENSITIVITY TO STATIC DISCHARGE:

Sensitivity to static discharge is not expected.

## EXTINGUISHING MEDIA:

All standard firefighting media

## SPECIAL FIREFIGHTING PROCEDURES:

Firefighters must wear NIOSH/MSHA approved positive pressure self-contained breathing apparatus with full face mask and full protective clothing.

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6. ACCIDENTAL RELEASE MEASURES

## ACTION TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Wipe, scrape or soak up in an inert material and put in a container for disposal.

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Wash walking surfaces with detergent and water to reduce slipping hazard.

Wear proper protective equipment as specified in the protective equipment section.

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## 7. HANDLING AND STORAGE

### PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use.

Avoid contact with skin and eyes.

Use only in a well ventilated area.

Remove contact lenses before using sealant. Do not handle lenses until all sealant has been cleaned from the fingertips, nails and cuticles. Residual sealant may remain on fingers for several days and transfer to lenses and cause severe eye irritation.

Product releases acetic acid during application and curing.

Use mechanical ventilation to stay below TLV of 10 ppm acetic acid.

Store away from heat, sources of ignition, and incompatibles.

Keep away from children.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### ENGINEERING CONTROLS:

Showers and eyewash stations. See "Ventilation" below.

### RESPIRATORY PROTECTION:

If exposure limits are exceeded or respiratory irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Supplied air respirators may be required for non-routine or emergency situations. Respiratory protection must be provided in accordance with OSHA regulations (see 29 CFR 1910.134).

### PROTECTIVE GLOVES:

Rubber gloves.

Cloth gloves.

### EYE AND FACE PROTECTION:

Safety glasses.

### OTHER PROTECTIVE EQUIPMENT:

Wear eye protection and protective clothing.

### VENTILATION:

Ventilation and other forms of engineering controls are preferred for controlling exposures. Respiratory protection may be needed for non-routine or emergency situations.

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9. PHYSICAL AND CHEMICAL PROPERTIES

PRODUCT INFORMATION:

BOILING POINT	:	NA	(C)	NA	(F)
VAPOR PRESSURE (20 C) (MM HG)	:	NA			
VAPOR DENSITY (AIR=1)	:	NA			
FREEZING POINT	:	NA	(C)	NA	(F)
MELTING POINT	:	NA	(C)	NA	(F)
PHYSICAL STATE	:	SOLID			
ODOR	:	ACETIC ACID			
COLOR	:	BRONZE			
ODOR THRESHOLD (PPM)	:	UNK			
% VOLATILE BY VOLUME	:	NA			
EVAP. RATE (BUTYL ACETATE=1)	:	<1			
SPECIFIC GRAVITY (WATER=1)	:	1.04			
DENSITY (KG/M3)	:	1040			
ACID/ALKALINITY (MEQ/G)	:	NA			
PH	:	NA			
VOC EXCL.H2O & EXEMPTS (G/L)	:	36			
SOLUBILITY IN WATER (20 C)	:	INSOLUBLE			
SOLUBILITY IN ORGANIC SOLVENT (STATE SOLVENT)	:	TOLUENE			

10. STABILITY AND REACTIVITY

STABILITY: STABLE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

HAZARDOUS THERMAL DECOMPOSITION/COMBUSTION PRODUCTS:

- Carbon monoxide.
- Carbon dioxide.
- Silicon dioxide.
- Acetic acid.

INCOMPATIBILITY (MATERIALS TO AVOID):

- None known.

CONDITIONS TO AVOID:

- None known.

11. TOXICOLOGICAL INFORMATION

PRODUCT INFORMATION:

ACUTE ORAL LD50 (MG/KG)	:	NA
ACUTE DERMAL LD50 (MG/KG)	:	NA

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ACUTE INHALATION LC50 (MG/L): NA

OTHER:

None.

AMES TEST: UNKNOWN

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12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION: No data at this time

CHEMICAL FATE INFORMATION: No data at this time

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD:

Disposal should be made in accordance with federal, state and  
local regulations.

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14. TRANSPORT INFORMATION

DOT SHIPPING NAME: NONE

DOT HAZARD CLASS: NOT DOT REGULATED

DOT LABEL(S): NONE

UN/NA NUMBER: NONE

PLACARDS: NONE

IATA:

NOT REGULATED BY IATA

IMO IMDG-code: NOT REGULATED FOR OCEAN TRANSPORTATION

EMS No: NA

EUROPEAN CLASS:

RID (OCTI): NA

ADR (ECE): NA

RAR (IATA): NA

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15. REGULATORY INFORMATION

SARA SECTION 302:

None Found

SARA (311,312) HAZARD CLASS:

ACUTE HEALTH HAZARD

SARA (313) CHEMICALS:

NONE

CPSC CLASSIFICATION: NA

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WHMIS HAZARD CLASS:  
D2B TOXIC MATERIALS  
WHMIS TRADE SECRET:  
None  
EXPORT:  
SCHDLE B/HTSUS: 3214.10 Mastic Based on Rubber  
ECCN: EAR99  
HAZARD RATING SYSTEMS  
HMIS FLAMMABILITY 0 , REACTIVITY 0 , HEALTH 1  
NFPA HEALTH = 1, FLAMMABILITY = 0 , REACTIVITY = 0  
CALIFORNIA PROPOSITION 65:  
NONE

16. OTHER INFORMATION

This product or its components are on the European inventory of existing commercial chemicals (EINECS).....  
.....  
These data are offered in good faith as typical values and not as product specifications. No warranty, either expressed or implied, is made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.  
.....  
This product or its components are on the Australian inventory (ACQIN).....  
.....  
C = ceiling limit                      NEGL = negligible  
EST= estimated                        NF = none found  
NA = not applicable                   UNKN = unknown  
NE = none established                REC = recommended  
ND = none determined                V = recomm. By vendor  
By-product = reaction by-           SKN = skin  
product, TSCA inventory            TS = trade secret  
status not required under           R = recommended  
40 CFR part 720.30(h-2)            MST = mist  
STEL = short term exposure        NT = not tested  
limit

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All chemical substances in this material are included on or exempted from listing on the TSCA inventory.